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DSSD Census 2000 Procedures and Operations Memorandum Series, Chapter S-DT-4

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Subject: 2000 Census Accuracy and Coverage Evaluation Outlier
File Delivery Specifications

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1. Introduction

During the person matching phase of the Accuracy and Coverage Evaluation (A. C. E.), there will be a review of clusters with excessive P-sample nonmatch rates and or abnormally high rates of erroneous enumeration. These are known as outlier clusters. Review of outlier clusters will occur before person matching is completed while the cluster is open and after the cluster is closed. To make an adequate analysis of these clusters, the design team needs to have immediate access to important variables pertaining to housing unit matching, and person matching.

2. Housing Unit Variables

The MaRCS housing unit account file (Layout name: HUMARCS_ACCT2K.LAY) needs to be delivered on a daily basis to the ACE2KRES: [HU.ACCT] subdirectory, and the A.C.E. MaRCS data file (Layout name: HUMARCS_ACE2K) needs to be delivered on a daily basis during housing unit matching to the ACE2KRES: [HU.ILA] subdirectory. The Census MaRCS data file (Layout name: HUMARCS_DMAF2K) and the DMAF Extract (see Census 2000 Procedures and Operations Memorandum Series, Chapter C-CO-02) also need to be delivered once during housing unit matching to the ACE2KRES: [HU.DMA] subdirectory.

3. Variables pertaining to person matching

Variables from the 2000 PERMARCS files are needed for outlier review. These files need to be delivered on a daily basis during person matching to the appropriate subdirectory. The specific files needed are:

DESCRIPTION	LAYOUT NAME
Cluster level Control File for Person Matching	ACELAY:PERMARCS_ACCT
Census 2K Address Record for Person Matching	ACELAY:PERMARCS_CADD
Census 2K Person Record for Person Matching	ACELAY:PERMARCS_CPER
A.C.E. 2K Address Record for Person Matching	ACELAY:PERMARCS_IADD
A.C.E 2K Person Record for Person Matching	ACELAY:PERMARCS_IPER

The Cluster level Control file needs to be delivered to the ACE2KRES: [PER.ACCT] subdirectory while the Census Address Record file needs to be delivered to the ACE2KRES: [PER.CUA] subdirectory. The Census Person Record file needs to be delivered to the ACE2KRES: [PER.CUP] subdirectory. The A.C.E. Address Record file needs to be delivered to the ACE2KRES: [PER.ACA] subdirectory and the A.C.E. Person Record needs to be delivered to the ACE2KRES: [PER.ACP] subdirectory.

Certain A.C.E. address variables are only available after person matching is completed. These variables should be delivered once the work for preparing the missing data files has been completed and approved to the appropriate subdirectories. They are:

DESCRIPTION	DRESS REHEARSAL NAME
Final Census Day Outcome	FCDOUT
Final Interview Day Outcome	FIDOUT
Whole/Partial Household Match Flag (Final)	WPFIN
Final Address Code	ADFIN

Another set of MaRCS files with the above variables filled in will be delivered when appropriate. These files should be placed in the same locations that earlier MaRCS files were placed in.

4. CUF Variables

Only CUF records from the A.C.E. sample clusters and surrounding blocks need to be made available. The 2000 analogue of the CUF Address/Person Reformatted Record ICM98 (Layout name:ICMLAY:CUF_REFORM98.LAY) together with the following CUF fields needs to be delivered to the ACE2KRES:[PER.CUP] subdirectory once it is ready.

NAME	DESCRIPTION
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TEA
UBSA

Type of Enumeration Area
Units at Basic Street Address

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